PRELIMINARY

LN52B550 52" High Definition TV with 1080p Resolution

(52.0" (truncated) actual diagonal screen size)

SERIES 5 LCD TV

Step up to the power of Full HD on a 52-inch LCD screen, with Samsung's LN52B550. The amazing 1080p resolution – the highest available – with Wide Color Enhancer renders the most crisp vivid tones, in every frame for the most realistic picture quality. Black tones and shadows are strikingly superb, thanks to the 70,000:1 dynamic contrast ratio. The attractive Touch of Color™ design – a red accent at the bezel's edge – lights up any room. A fast 6ms response time offers smooth, clear action. Watch or listen to files from your favorite media player, using the USB 2.0 input. Connecting your DVD, cable or satellite HD box, or Blu-ray Disc® player is a snap, with four HDMI inputs. And thanks to SRS TruSurround HD technology, all the HD excitement sounds as incredible as it looks.

TV/VIDEO

- Touch of Color™ design
- Full HD-grade pixel resolution (1080p)
- Widescreen aspect ratio
- 70,000:1 dynamic contrast ratio
- Built-in digital tuner
- Fast 6ms response time
- Game Mode
- Single User Interface
- Wide Color Enhancer 2
- Swivel Stand
- "Piano Key Black" cabinet

AUDIO

- Watts per channel: 10W x 2
- SRS TruSurround HD™

CONNECTIONS

- 4 HDMI – Anynet + (HDMI-CEC) (3 rear/1 side)
- 2 Component video inputs (rear)
- 2 Composite inputs (1 rear/1 side)
- PC input (rear)
- USB 2.0 JPEG

HDMI · SRS TruSurround HD · HDTV · ToC Touch of Color · 70,000:1 dynamic contrast · Wide Color Enhancer 2 · USB 2.0 · Anynet+ HDMI-CEC · Full HD 1080p · ENERGY STAR

SAMSUNG

All features, specifications, and model numbers subject to change. All on screen images are simulated pictures.

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FEATURES

HD-Grade 1920 (H) x 1080 (V) pixel resolution: High-resolution pixel density is combined with a built-in image scaler to handle inputs from a variety of digital and analog audio/video sources.

Widescreen aspect ratio

CCFL—Cold Cathode Fluorescent lamp

70,000:1 dynamic contrast ratio

Touch of Color™ (ToC): Samsung's unique manufacturing process accents the surrounding bezel with a stylish red tone

Wide Color Enhancer2: Optimizes a given color's hue, resulting in more natural rendering of colors.

Built-in digital tuner: (ATSC/Clear QAM)

Response time: A fast 6ms response time minimizes blurring of fast motion in sports programs.

USB 2.0 JPEG: For playing MP3 and displaying JPEG files through the USB 2.0 connection on selected Samsung TVs.

Game Mode enhances dark areas, sharpens the picture, speeds up the image processing response and enhances the sounds of your games. Picture and sound quality optimized for the special needs of gaming systems at the touch of a button.

Single User Interface

SRS TruSurround HD™ creates an immersive, feature-rich surround sound experience from two speakers, complete with rich bass, high frequency detail and clear dialog.

Stereo broadcast reception: Supports multichannel sound (MTS) and second audio program (SAP) with 181-channel capacity.

Bottom speakers with 10 Watts x 2 audio power

Anynet™ Plus (HDMI-CEC): allows peripheral AV devices such as a DVD player to be controlled by a Samsung TV remote control.

Energy Star® Compliant reduces energy consumption by up to 25% compared with standard TVs.

V-Chip system[1]: Allows blocking of rated TV and Movie programs determined by a parent to contain objectionable content.

Trilingual on-screen displays in English, Spanish or French.

Variable sleep timer: Can be programmed to turn the TV off at different time intervals.

Swivel stand

CONNECTIONS

4 HDMI (High-Definition Multimedia Interface) version 1.3: (3 rear/1 side)

Component video: 2 rear (Y, Pb, Pr)

Composite inputs: 1 rear/1 side (shared with component)

PC input: 1 rear

Optical sound output: 1 rear

USB 2.0 JPEG

WARRANTY

1 year parts and 1 year labor warranty (90 days parts and labor for commercial use), with in home service, backed by Samsung toll-free support.

SPECIFICATIONS

Panel: Wide (16:9) LCD

TV system: American NTSC standard color

Channel coverage: VHF 2-13, UHF 14-69, CATV 1-125 (up to 181 pre-selected channels)

Antenna: CATV/VHF/UFH 75-ohm, F-type

Watts per channel: 10W x 2

NET DIMENSIONS & WEIGHT (WXHXD)

TV without stand: 49.5" x 31.4" x 3.1"

TV without stand weight: 54.9 lb

TV with stand: 49.5" x 33.6" x 12.0"

TV with stand weight: 63.3 lb

SHIPPING INFORMATION (WXHXD)

Dimensions: 61.5" x 36.1" x 11.4"

Weight: 79.1 lb

ORDER CODE

LN52B550K1FXZA

UPC

036725229266

[1]Feature dependent upon broadcasting of information by local off-air TV and cable channels.

[2]As an Energy Star® partner, Samsung has determined that this product meets the Energy Star® guidelines for energy efficiency. Energy Star® is a registered trademark of the U.S. Environmental Protection Agency.

Design and specifications are subject to change without notice. Non-metric weights and measurements are approximate.

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For more information on digital TV technology please visit www.samsung.com/hd

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SAMSUNG

Part Number: